

# IKO enertherm BM

## Product description:

IKO enertherm BM is a **100 % CFC, HCFC or HFC free** insulation board with a core of hard Polyisocyanurate foam, laminated on one side with polypropylene coated bituminised **sand and talc free glass fibre** and on the other side with perforated coated glass fibre. To install bitumen roofing sections using a flame torch: bituminised **sand and talc free glass fibre** to be applied facing upwards. With synthetic roof sections: perforated coated glass fibre to be applied facing upwards.

## Application:

**Roof top:** flat roof insulation for use with torch-applied bituminous roofing



## Edge finish:

 Straight

## Thermal performance:

Thermal conductivity: (EN 13165)  $\lambda_D$ : **0,026 W/(m.K)** until 120 mm and **0,025 W/(m.K)** from 120 mm.

## Technical details:

- Compressive strength at 10 % deformation:  $\geq$  **150 kPa (15 ton/m<sup>2</sup>)**
- Behaviour under uniformly distributed loading: **class C** ( $\leq$  5 % deformation at 80 °C and 40 kPa loading)
- Closed cells: **more than 95%**
- Water vapour diffusion resistance: PIR foam:  $\mu = 60$  - lamination:  $\mu > 100$

## Fire properties

Fire class to EN 13501-1: **NPD**

## Technical approvals:

**Europe:** CE marking - EN 13165: T2-DS(TH)8-DLT(2)5-TR80-CS(10/Y)150-WL(T)1

**Belgium:** ATG2726 - ATG H867

**Netherlands:** Komo CTG 485

## Availability:

BM (mm)		30	40	50	60	70	81	100	120	140
1200x600		-	-	-	-	-	-	-	-	-
Thickness (mm) Rd (m <sup>2</sup> .K/W)		30	40	50	60	81	100	120	140	
		1,15	1,50	1,90	2,30	3,10	3,80	4,80	5,60	
1200 x 600	m <sup>2</sup> /pac	11,52	8,64	7,20	5,76	4,32	3,60	2,88	2,16	
	m <sup>2</sup> /pal	115,20	86,40	72,00	57,60	43,20	36,00	28,80	25,92	

Pack height: max 500 mm, pallet height: maximum 2,600 mm (incl. 100 mm feet).

